

Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

1-37. (Cancelled).

38. (Currently Amended) A roll-up door, comprising:

at least one flexible web-like closing element having at least a closed position;

and

an elastically deformable stabilizing element coupled to at least one lower edge of the flexible web-like closing element,

wherein said stabilizing element has having elastically deformable upper and lower contact surfaces and opposing lateral exterior elastically deformable contact surfaces, the elastically deformable upper contact surface being coupled to at least one lower edge of the flexible web-like closing element along an elastically deformable interface,

wherein the stabilizing element is configured to:

exert a first restoring force to counteract a contact deformation in a direction opposite to a closing direction when each of said at least one closing element is in said closed position, and ~~to~~

exert a second restoring force to counteract a contact deformation in a direction transverse to each of said at least one closing element when each of said at least one closing element is in said closed position,

wherein said first restoring force is being less than said second restoring force, and

wherein the stabilizing element has at least one leaf spring embedded in the stabilizing element, the leaf spring having primary surfaces oriented perpendicularly to the closing direction.

39-40. (Cancelled).

41. (Previously Presented) The roll-up door according to claim 38, wherein the elastically deformable stabilizing element has two or more parallel leaf springs spatially separated from each other.

42. (Previously Presented) The roll-up door according to claim 38, wherein the elastically deformable stabilizing element comprises a groove situated at an upper edge of the elastically deformable stabilizing element and extending in a longitudinal direction of the elastically deformable stabilizing element, which at least partially accommodates a lower edge of one of the at least one closing element.

43. (Previously Presented) The roll-up door according to claim 42, wherein said lower edge is glued to and/or screwed into the groove.

44. (Previously Presented) The roll-up door according to claim 42, wherein the elastically deformable stabilizing element comprises at least one channel passing through the elastically deformable stabilizing element.

45. (Previously Presented) The roll-up door according to claim 44, further comprising a safety device, accommodated in the channel of the elastically deformable stabilizing element, configured to switch off and/or trigger a change in direction of a drive device coupled to the closing element in response to deformation of the elastically deformable stabilizing element.

46. (Previously Presented) The roll-up door according to claim 45, wherein said safety device includes a photoelectric barrier that is triggered upon deformation of said elastically deformable stabilizing element.

47. (Previously Presented) The roll-up door according to claim 38, wherein the elastically deformable stabilizing element has a sealing lip which projects downward and forward at an oblique angle, the sealing lip configured to contact a floor when each of the at least one closing element is in the closed position.

48. (Previously Presented) The roll-up door according to claim 38, wherein the elastically deformable stabilizing element has a multi-part design, and comprises a channel passing through one of the parts.

49. (Previously Presented) The roll-up door according to claim 38, wherein at least a lower edge of the at least one closing element includes a web-like hanging element coupled to said elastically deformable stabilizing element.

50. (Previously Presented) The roll-up door according to claim 38, further comprising:
at least one guide element defining a channel; and
an intake system situated at an upper edge of the guide element configured to introduce the lateral edge of the at least one closing element into the guide element during a closing motion, the intake system having at least two oppositely situated delimiting surfaces configured to face the at least one closing element, and having pretensioning devices configured to selectively contact the elastically deformable stabilizing element situated on the lower edge of the at least one closing element and configured to push the at least one closing element in at least one direction opposite to and transverse to a direction of motion of the at least one closing element.

51. (Previously Presented) The roll-up door according to claim 50, wherein at least one of the pretensioning devices has a bristle element configured to be elastically deflected by the closing element or stabilizing element which strikes it.

52. (Previously Presented) The roll-up door according to claim 50, wherein the closing element further comprises a lower edge having a strip-like hanging element.

53. (Previously Presented) The roll-up door according to claim 50, wherein the closing element further comprises a lower edge having a web-like hanging element.

54. (Previously Presented) The roll-up door according to claim 38, wherein the elastically deformable stabilizing element has a general thickness in a direction perpendicular to the closing direction that is greater than in the closing direction.

55. (Cancelled).

56. (Previously Presented) The roll-up door according to claim 38, wherein the at least one leaf spring has an oval or elliptical cross-section.

57. (Currently Amended) ~~A~~ The roll-up door according to claim 41, further comprising:

at least one flexible web-like closing element having at least a closed position;
and
an elastically deformable stabilizing element coupled to at least one lower edge of the flexible web-like closing element, said stabilizing element having elastically deformable upper and lower contact surfaces and opposing lateral exterior elastically deformable contact surfaces, the elastically deformable upper contact surface being coupled to at least one lower edge of the flexible web-like closing element along an elastically deformable interface, the stabilizing element configured to exert a first restoring force to counteract a contact deformation in a direction opposite to a closing direction when each of said at least one closing element is in said closed position and to exert a second restoring force to counteract a contact deformation in a direction transverse to each of said at least one closing element when each of said at least one

closing element is in said closed position, said first restoring force being less than said second restoring force, and

wherein the stabilizing element has two or more parallel leaf springs embedded in the stabilizing element, wherein the two or more leaf springs are spatially separated from each other, the two or more leaf springs having primary surfaces oriented perpendicularly to the closing direction;

the roll up door further comprising a channel passing between two of the two or more leaf springs, and a safety device, accommodated in the channel, for switching off and/or triggering a change in direction of a drive device coupled to the closing element.

58. (Previously Presented) The roll-up door according to claim 41, further comprising a channel passing above the two or more leaf springs, and a safety device, accommodated in the channel, for switching off and/or triggering a change in direction of a drive device coupled to the closing element.

59. (Previously Presented) The roll-up door according to claim 50, wherein the oppositely situated delimiting surfaces of the intake system are separated laterally by a width greater than the width of the channel of the at least one guide element.

60. (New) A roll-up door, comprising:

at least one flexible web-like closing element having at least a closed position;
and

an elastically deformable stabilizing element coupled to at least one lower edge of the flexible web-like closing element;

wherein the stabilizing element has a first leaf spring and a second embedded in the stabilizing element, the first and second leaf springs having primary surfaces oriented perpendicularly to the closing direction, wherein the first and second leaf springs are parallel to each other;

wherein said stabilizing element has elastically deformable upper and lower contact surfaces and opposing lateral exterior elastically deformable contact surfaces, the elastically deformable upper contact surface being coupled to at least one lower edge of the flexible web-like closing element along an elastically deformable interface,

wherein the stabilizing element is configured to exert a first restoring force to counteract a contact deformation in a direction opposite to a closing direction when each of said at least one closing element is in said closed position;

wherein the stabilizing element is further configured to exert a second restoring force to counteract a contact deformation in a direction transverse to each of said at least one closing element when each of said at least one closing element is in said closed position; and

wherein the first and second leaf springs are configured such that said first restoring force is less than said second restoring force.